

1-2271457-6 ✓ ACTIVE

[Dynamic Series](#) | [Dynamic 3000 Series](#)

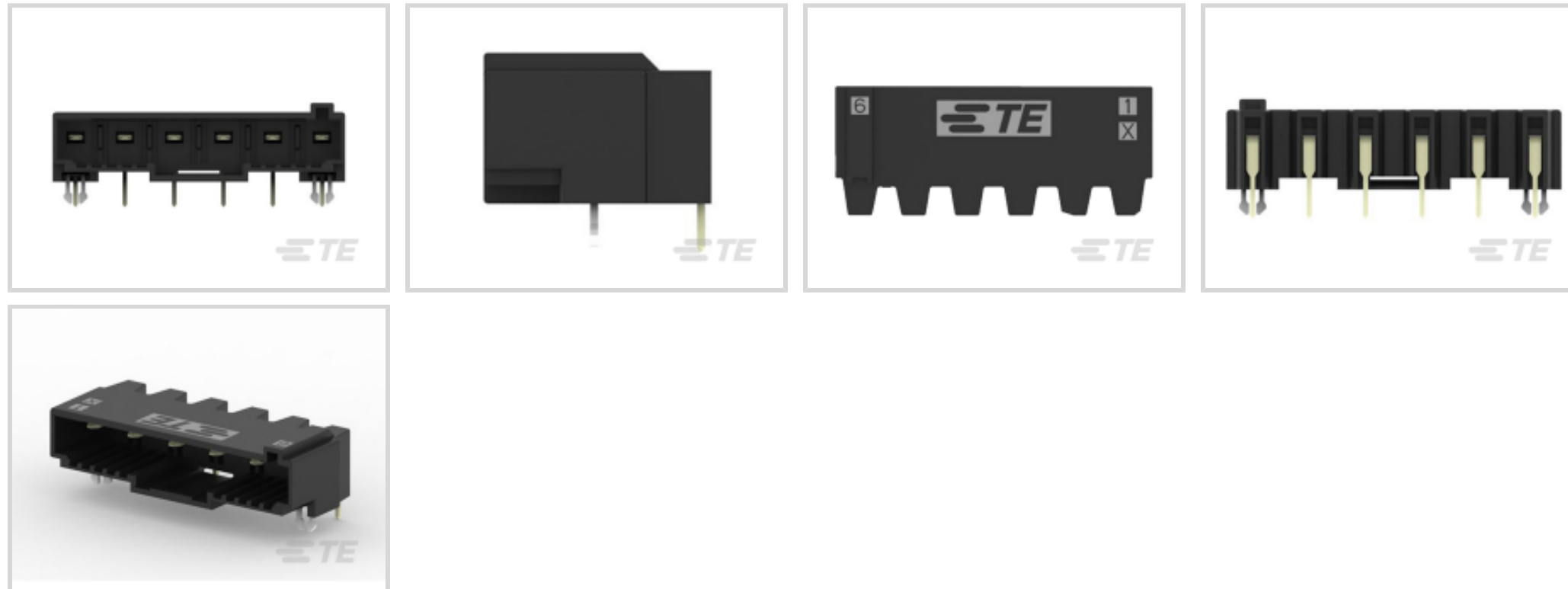
TE Internal #: 1-2271457-6

Header, Wire-to-Board, 6 Position, 7.5 mm [.295 in] Centerline, 1 Row, Operating Voltage 300 VAC, Dynamic 3000 Series, PCB Terminal Blocks

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks > Header Assembly: Wire-to-Board Connector, Spring Clamp, 7.5 mm pitch, 14.5A



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Terminal Block Connector Type: **Header**

Connector System: **Wire-to-Board**

Number of Positions: **6**

[All Header Assembly: Wire-to-Board Connector, Spring Clamp, 7.5 mm pitch, 14.5A \(12\)](#)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features



Primary Product Color	Black
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Product Orientation	Right Angle
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Contact Features

Contact Mating Area Plating Material	Gold
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Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	14.5 A
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Method to Wire & Cable	Push-in
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Material	Thermoplastic
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Centerline (Pitch)	7.5 mm [.295 in]
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Usage Conditions

Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Tray
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 1-2271454-6
D3950 REC 6POS 1ROW X KEY
MARKED



TE Part # 2271454-6
D3950 REC 6POS 1ROW X KEY



TE Part # 4-2271454-6
D3950 REC 6POS 1ROW X KEY WITH
MARKING

Also in the Series | Dynamic 3000 Series



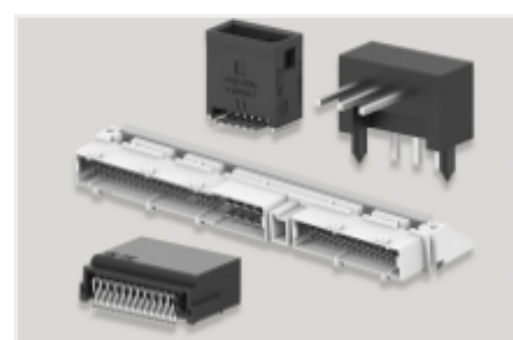
Connector Contacts(94)



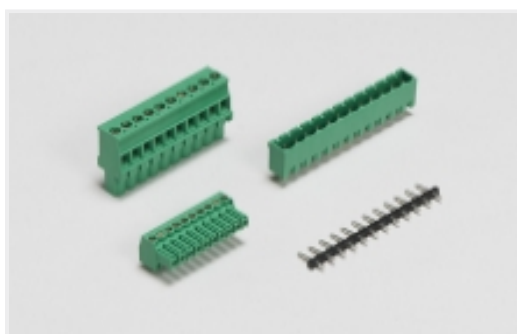
Connector Hardware(8)



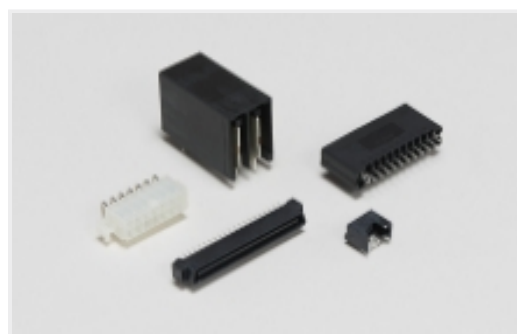
Insertion & Extraction Tools(2)



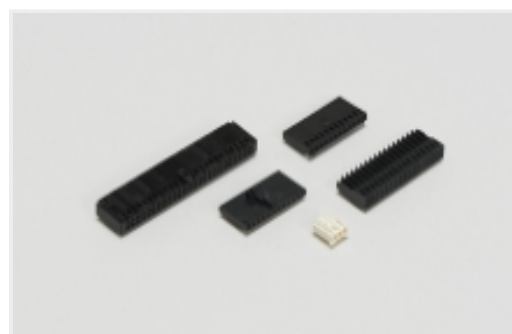
PCB Headers & Receptacles(282)



PCB Terminal Blocks(37)



Standard Rectangular Connectors(2)



Wire-to-Board Connector Assemblies
& Housings(152)

Customers Also Bought



Documents

Product Drawings

[D3950 HDR 6POS 1ROW X KEY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2271457-6_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2271457-6_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2271457-6_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[DYNAMIC SPRING CLAMP SERIES](#)

English

[DYNAMIC SPRING CLAMP SERIES](#)

Japanese

[Introducing TE's D3950 Series Connector](#)

English

Product Specifications



Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Agency Approvals

UL Report

English